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C. ANDREW IM  
280 N. CENTRAL PARK AVENUE  
SUITE 235  
HARTSDALE, NY 10530



\*101188315A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 10/12/1999

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BHANDARI, INDERPAL S.

DOC DATE: 10/12/1999

ASSIGNOR:  
PRATAP, RAJIV

DOC DATE: 10/12/1999

ASSIGNOR:  
RAMANUJAM, KRISHNAKUMAR

DOC DATE: 10/12/1999

ASSIGNEE:  
VIRTUAL GOLD, INC.  
280 N. CENTRAL PARK AVENUE, SUITE  
235  
HARTSDALE, NEW YORK 10530

SERIAL NUMBER: 09416414  
PATENT NUMBER:

FILING DATE: 10/12/1999  
ISSUE DATE:

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010336/0663 PAGE 2

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ASSIGNMENT DIVISION  
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SET

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Patent and Trademark Office

To the Honorable Commis.

shed original documents or copy thereof.

1. Name of conveying party(ies)

Inderal S. Bhandari  
Rajiv Pratap  
Krishnakumar Ramanujam

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: VIRTUAL GOLD, INC.

Internal Address:

Street Address: 280 N. Central Park Avenue, Suite 235

City: Hartsdale, New York 10530

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Merger  
☐ Change of Name  
☐ Other

Execution Date: October 12, 1999

4. Application number(s) or patent number(s): 09/416414

If this document is being filed together with a new application, the execution date of the application is: October 12, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: C. Andrew Im  
Internal Address:  
Street Address: 280 N. Central Park Avenue, Suite 235  
City: Hartsdale State: NY Zip: 10530

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed

☐ Authorized to be charged to deposit account #8. Deposit account number:  
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing

Signature

October 12, 1999  
Date

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## ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

### METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF QUERYING APPLICATIONS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Virtual Gold, Inc., with principal offices located at 280 North Central Avenue, Suite 235, Hartsdale, New York 10530 (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

This assignment executed on the dates indicated below.

**Inderpal S. Bhandari**

Name of first or sole inventor

220 Ardsley Road, Scarsdale, New York 10583

Residence of first or sole inventor

*Inderpal S. Bhandari*

Oct. 12, 1999

Signature of first or sole inventor

Date of this assignment

**Rajiv Pratap**

Name of second inventor

5 Wyndover Woods Lane, #1, White Plains, New York 10603

Residence of second inventor

*Rajiv Pratap*

October 12, 1999

Signature of second inventor

Date of this assignment

**Krishnakumar Ramanujam**

Name of third inventor

3 Wyndover Woods Lane, #16, White Plains, New York 10603

Residence of third inventor

*Krishnakumar Ramanujam*

Oct. 12, 1999

Signature of third inventor

Date of this assignment